

**ALASKA INDUSTRY COUNCIL MEETING
MINUTES
May 14, 2008**

The Alaska Industry Council met at the Alaska DOT/PF Building on May 14, 2008 at 8:00 a.m.

The following agenda items were presented:

Introductions	Round Table
Opening Remarks	Jere Hayslett, FAA
Technical Update	Wes Mooty, FAA
Operational Update (Performance Based Navigation)	Jim Hill, FAA Lari Belisle, FAA
AIC Update	Jim Cieplak, Industry
Navigation Services Update	JoAnn Ford, FAA
Information Sharing	All
Industry Feedback (Round Table)	All

Opening Remarks – Jere Hayslett

Jere Hayslett opened and chaired the meeting. In addition to chairing the meeting, Jere provided an update for the following SBS activities as they pertain to Alaska:

- **SBS/ADS-B Dual Track Strategy**
A critical piece of the FAA's Surveillance and Broadcast Services (SBS) Office Dual Track Strategy which is intended for the implementation of ADS-B, is the Separations Standards approval process, and our ability to get through that process. As of now, the date for completion of this process has moved from September of 2009, to April of 2010. As a result, the date for the final rule has moved from November of 2009, to April of 2010.
- **Notice of Proposed Rule Making (NPRM)**
At the request of the team reviewing the comments to the NPRM, the final date for the NPRM has been moved from December of 2008, to February of 2009. Jere went on to discuss the comments to the NPRM by affiliation and topic, noting which group on the Aviation Rulemaking Committee (ARC) has been assigned the issues which are most critical. See chart on page 2:

Working Group	Team Lead	ARC Member Support	FAA Support	SME Industry Support	Estimated Number of Comments
A: Link Implementation Strategy - ADS-R, Strategies, Link	George Ligler (PMEI)	Randy Kenagy (AOPA) Jeff Mittelman (MITRE)			131
B: Programmatic Issues - Taking advantage of existing equipment domestically and internationally, Cost/Benefits, ARC recommendations	Bob Hilb (L-3)	Jim Byrum (Cessna) Perry Clausen (Southwest Airlines) Randy Kenagy (AOPA) Sarah Dalton (Alaska Airlines) John Hansman (MIT)	Gary Paull (MCR)		340
C: Performance Requirements - WAAS, Antenna Diversity, DO-260, Power	Jens Hennig (GAMA)	Ken Dunlap (IATA) Randy Kenagy (AOPA) Bob Hilb (UPS) Jeff Mittelman (MITRE)			213
D: Avionics Transition - Retaining transponder and ELT equipment, Retrofit and forward fit implementation, relationship to positioning for navigation	Rick Heinrich (Rockwell Collins)	Jim Byrum (Cessna) Randy Kenagy (AOPA) Jeff Mittelman (MITRE) Jens Hennig (GAMA)			122

- The avionics equipage start date has moved from December of 2009, to May of 2010, due to the NPRM activity.

A positive result of the comments period was the overwhelming request for the ARC to look at ways of adding a requirement for ADS-B in, in addition to ADS-B out capabilities. Jere stated that the group has looked at many different ways to make this a requirement, but all added additional costs to the operators, and to the FAA budget. In the end, the group decided the draft recommendation will remain ADS-B out until 2020, with a requirement to go back in 2012 to re-evaluate ways to mandate ADS-B in also.

There has been quite a bit of concern around whether the FAA intends to back out of the recommendation for use of UAT in the final rule. Jere assured the group that the UAT recommendation is in the draft ARC report, and further stated that the intent of the working groups is to have a draft report out by August of 2008, which will address the major issues and the recommendations for the final rule. A final report is due by September of 2008.

In addition to the issues surrounding the ADS-B schedule and the NPRM, Jere addressed the S. E. Avionics Transition Plan and its schedule. This plan will transfer ownership of the Capstone avionics from the FAA to the owners of the aircraft that were equipped with Capstone avionics during Phase 2 of the Alaska Capstone Program. The schedule is as follows:

- Internal meetings in Alaska with SBS project office, legal council and logistics - 4/7
- Review draft plan with SBS Program Manager – 4/21
- Conduct initial town hall meetings in SE to present plan in June.
- Deliver letters to owners by the end of August 08.
- Collect responses by end of September 08.

- Complete all transfer documents for owners choosing to keep equipment by December 31, 2008.
- Develop uninstall plan by December 31, 2008, for those choosing to uninstall.
- Complete all uninstalls by May 1, 2009.

SBS Technical Update – Wes Mooty

Wes presented the following schedule, which focused on operational dates for GBT's and services expected from those sites. Fairbanks (Murphy Dome, GBT) should provide TIS-B in addition to FIS-B, but TIS-B may not be available by the June 15th operational date, due to some issues the tech team is working surrounding the ASR-11 in Fairbanks.

Jim Cieplak suggested that we take a stronger look at finding a way to put a GBT in the Nome area before 2009, even if we have to mount it on an existing structure. Wes and Jere replied that any site we put into Nome right now would be a green site, which means the site survey's and engineering work could not be completed by the end of this year. Additionally, the FAA needs to follow procedure when putting in GBT's. Jere stated that we have seen the problems that can occur with test installations, such as the case in Port Heiden, where availability and reliability of services have become an issue.

Service Volume 6 (ANC-FAI) and 13 (OTZ) for FY08

- GBT Service Delivery
 - Anchorage - Available Today
 - Fairbanks – 15 JUN 08
 - Kotzebue – 22 JUL 08
 - Reindeer Hill – 25 AUG 08
- Service Volume 11 (OME) and 13 (OTZ) for FY09
 - Anticipated GBT Service Delivery
 - Savoonga (SV11) – 01 AUG 09
 - Moses Point (SV11) – 14 AUG 09
 - Newton Peak (SV11) – 30 AUG 09
 - Shishmaref (SV11) – 14 SEP 09
 - Point Hope (SV13) – 01 SEP 09
 - Kivalina (SV13) – 15 SEP 09
 - Selawik (SV13) – 30SEP 09

Wes presented the following schedules for Automated Weather Systems (AWS) and Radio Communications Outlets (RCO), which are part of the airport upgrades under the Capstone Statewide expansion Plan.

Automated Weather Systems (AWS)

- Commissioning in FY08
 - Teller
 - Walles
 - Chevak
 - Kiana

- Shungnak
 - Galena
 - Barter Island
- Installation in FY08 - FY09
 - Brevig Mission
 - White Mountain
 - Shaktoolik
 - Robert/Bob Curtis (Noorvik)
 - Elim
 - Larson Bay

Radio Communication Outlets (RCO) Projects

- Installation FY08 – FY09
 - Brevig Mission
 - White Mountain
- Installation FY09 – FY10
 - Larson Bay

Operational Update – Jim Hill

Lari Belisle reported the outcome of the Performance Based Navigation meeting held in Anchorage the week of May 5th; stating that an individual from Oklahoma City had been invited to the meeting to help the working group incorporate all the meticulous details for the proposed routes, and the already charted routes from the initial package that was submitted to the group back in the November 07 time frame. A package was then submitted to Air Traffic Operations, En-route and Oceanic Services (ATO-E). At this time the group has received a response back from ATO-E, stating that they want the group to submit the entire package with proposed routes, already charted routes, and all the correspondence and considerations included from the initial package. Lari stated that during the three day meeting the group pulled together all of the information to accommodate the request, and will be working with Headquarters ATO-E Operations Support via the WSA office to get the routes published by the September 2009 timeframe.

Lari also reported that Anchorage Center has had a request from ATO-E to turn on the eight Q routes in Alaska currently charted for use. Anchorage Center is in the process of accommodating the request, and negotiating an implementation date, based on their ability to get the routes onto the MEARTs radar, and the flight data processor.

Jim Hill talked about expansion of ADS-B surveillance services; reporting that ATC is close to expanding services to Juneau. The MEARTs' modification is completed and should come online no later than September 30, 2008. Multilateration is due to come online in the September 2009 timeframe.

Jim Cieplak asked about expanding the services from the 5 existing GBT's in the Y-K Delta; Lari answered that ATC is looking into it, and has made an early determination that it may be possible to expand the current surveillance services to cover the Cape Newenham and Romanzoff areas.

AIC Update – Jim Cieplak/Dee Hanson

Jim reported that the AIC has been working with the State of Alaska's Division of Investments to get the Capstone low interest loan language formalized with the hope of loan applications becoming available by July 1st, but July 15th is probably a more realistic date. At this time the comments period is still open, and anyone interested in making comments, or obtaining more information, can go to the State of Alaska's Division of Investments web site at:

<http://www.commerce.state.ak.us/investments/index.cfm>

In addition to the loan language, the AIC has been working to see the first Service Volume area come online, while on the operator side, looking to see the first operator come onboard using the loan program. As of now there are a couple of commercial operators hoping to finish equipping aircraft in the part of their fleet that was not originally equipped under Capstone Phase 1. The AIC outreach committee is planning to write letters to some of the avionics manufacturers, asking them to provide discounts to anyone using the loan.

There are currently 4 line items in the State budget pertaining to Capstone:

1. 4.8 million dollar Capstone low interest avionics loan fund.
2. \$119,000.00 to hire two new staff people to manage the loan fund.
3. \$30,000.00 to the Alaska Air Carriers for outreach efforts with the avionics manufacturers and install/repair stations; and training efforts or other administrative things needing to be done as a result of the loan program.
4. \$125,000.00 to equip 7 State of Alaska Department of Fish and Game aircraft with Capstone avionics in the areas where new surveillance services are being installed by the FAA.

Jim stated that this is not the end all, this is just the beginning. Once people start equipping, the AIC plans to look at other ways to obtain funding to equip additional aircraft around the state. Jere added that if there becomes a demand for services in area's where people plan to equip aircraft, but no services are provided today, the FAA will look at moving the service volumes to accommodate the demand in relation to equipped aircraft.

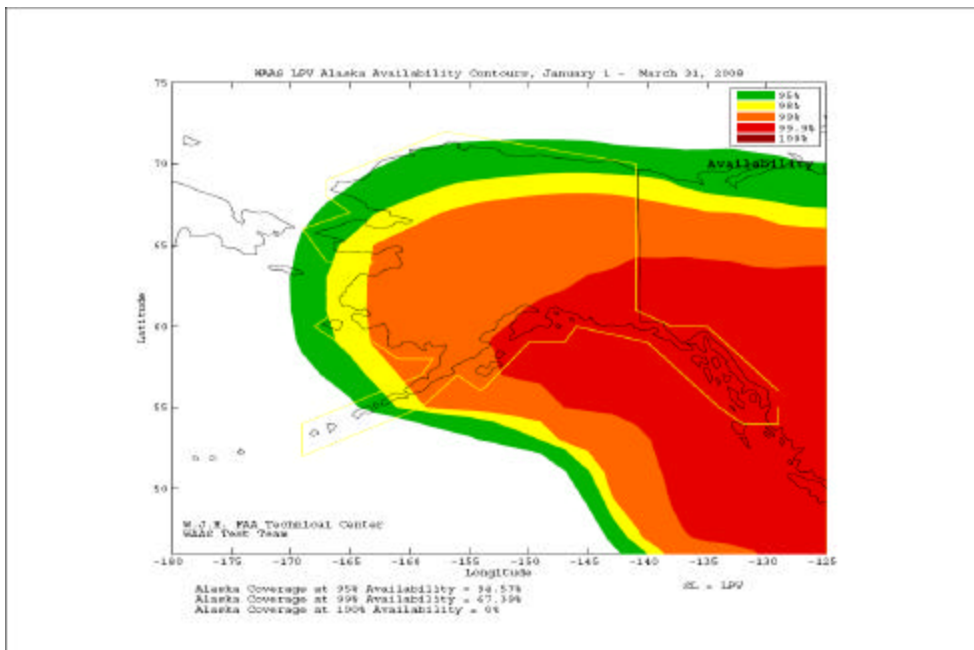
Navigational Services Update – JoAnn Ford

JoAnn Ford presented the following update for Navigational Services.

- NAS Published LPVs

LPVs Published to non-ILS Runways	602
LPVs Published to ILS Runways	<u>449</u>
Cumulative LPVs Published to Date	1051
- Alaska LPVs
 - Current LPV approaches
 - Anchorage, Homer, Emmonak, St. Michaels, St. Mary's, Yakutat, Deadhorse, Kenai, Selawik
 - "Planned" (Tentative) LPV approaches
 - June
 - Galena RWYS 25/7
 - Gulkana RWYS 15/33
 - Gustavus (Y) RWY 29

- Prospect Creek PVT RWY1
- Planned approaches
 - July
 - Cold Bay
 - Bethel RWYS 1L/19R
 - Sitka RWY 11
 - September
 - Nuiqsit RWYS 21/3
 - Birchwood RWY19R
 - Badami PVT RWYS 21/3
 - Ketchikan RWY 11
 - King Salmon RWYS 11/(Y)29/(Z)29
 - Kwethluk RWYS 18/36
 - Napakiak RWYS 16/34
 - Shageluk RWYS 16/34
 - Kuparuk PVT RWYS 23/5
 - November
 - Cordova RWY 27
- Alaska WAAS Availability



Status of:

- WAAS Equipage
 - Alaska equipage – majority is primarily discretionary information at this point in time

Round Table

No comments

Conclusion

The meeting was adjourned.

www.faa.gov/capstone (For May Industry Council Presentation)